

**Rim Bond Increase**

<b>Building/Structure Demolition</b>								
Building/Structure	Length	Width	As-Built Area	Height	Volume	Building Leveling Cost	On-Site Disposal Unit Cost <sup>(g)</sup>	Estimated Cost <sup>(b)</sup>
	(ft)	(ft)	(sq.ft)	(ft)	(cy)	(\$/building)	(\$/cy)	(\$)
Maintenance Building	40	20	800	12	355.56	\$5,000	\$7.75	<b>\$5,919</b>

<b>Concrete Pads, Foundations and Walls</b>								
Building/Structure	Length	Width	As-Built Area	Pad Thickness	Volume	Break Concrete Unit Cost	On-Site Disposal Unit Cost (g)	Estimated Cost <sup>(c)</sup>
	(ft)	(ft)	(sq.ft)	(in)	(cy)	(\$/cy)	(\$/cy)	(\$)
Maintenance Building	40	20	800	6	14.8	\$118.00	\$7.75	<b>\$1,855</b>

<b>Power Drop Reclamation</b>		
Building/Structure	Task Hours	Direct Cost
Power Drop Sealing <sup>(e)</sup> Replace topsoil on pad, rip compaction and revegetation <sup>(e)</sup>	2	<b>\$200</b>

<b>Reclamation of Additional 3.0 Acres</b>		
Grading, seeding, scarifying additional 3.0 acres (\$4,300/acre) <sup>(d)</sup>	3.0	<b>\$12,900</b>

<b>Item</b>	<b>Cost Estimate</b>
Building/Structure Demolition	\$5,919
Concrete Pads, Foundations and Walls	\$1,855
Power Drop Reclamation	\$200
Reclamation of Additional 3.0 Acres	\$12,900
Subtotal	\$20,874
Contingency (10%)	\$2,087
Escalation, 5 years <sup>(e)</sup>	\$38,468
Existing Reclamation Cost	\$74,200
<b>Total for Site Reclamation</b>	<b>\$112,668</b>

**Notes:**

- (a) The volume of demolished materials was estimated to be 1/3 of the intact, in place volume of the building or structure.

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- (b) The estimated cost includes building leveling and on-site disposal costs.
- (c) The estimated cost includes concrete break-up and on-site disposal costs.
- (d) Non-escalated cost of seeding per acre provided in phone conversation with Tom Munson, UDOGM (4.7.2009)
- (e) Based on an escalation rate of 3.5%
- (f) Estimate is based on typical industry knowledge.
- (g) **Costs are for disposal of the building in dry areas of the underground workings.**

**Building Leveling Cost:**

Building leveling charges: \$5,000 per building

Quote from: Kirk, Jackson, Jackson Excavation (435.691.8927)

Quote provided 5-16-2008

Add for disposal, on site = Crew B-11A, 232 cy/day, \$7.75

**Section 03055 110 Selective Concrete Demolition (pg. 136):**

0060: Break up into small pieces, Average reinforcing

= Crew B-9, 16 cy/day, \$118.00/cy

**Section 02220 130 Bldg. Footings and Foundations Demolition (pg. 25)**

4200: Add for disposal, on site

= Crew B-11A, 232 cy/day, \$7.75/cy

Primary Reference: 2006 RS Means Heavy Construction Cost Data, 20<sup>th</sup> Annual Edition, Kingston, MA.

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